

Optical arrangement for selection and detection of the spectral region of a light beam and confocal Scanning Microscope

Abstract of Disclosure

The present invention concerns an optical arrangement for selection and detection of the spectral region of a light beam (1) in a confocal scanning microscope, having a means (2) for spectral dispersion of the light beam (1), having means (3) for selecting a definable spectral region (4), and having a detection apparatus (5). The optical arrangement should be able to scan or detect multiple narrow-band spectral regions of a spectral region to be detected, in as uninterrupted a fashion as possible and in variably adjustable steps.

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Figures

Figure 15-15: A diagram showing a cross-section of a building with a roof and walls. The diagram is labeled with 'Figure 15-15' and 'A diagram showing a cross-section of a building with a roof and walls.' The diagram is a simple line drawing of a building's cross-section, showing the roof, walls, and floor. The roof is a simple line, and the walls are represented by two vertical lines. The floor is a horizontal line at the bottom. The diagram is labeled with 'Figure 15-15' and 'A diagram showing a cross-section of a building with a roof and walls.'